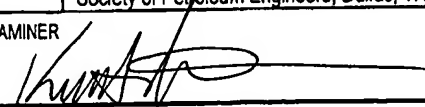


Serial No.: To Be Assigned  
 Filing Date: Herewith  
 First named inventor: Bittar  
 Atty. Docket No.: 5080.113 (DIV II)

<b>INFORMATION DISCLOSURE CITATION</b>  (Use several sheets if necessary) Page 1 of 3			ATTY DOCKET NO: <b>5080.113(DIV II)</b>		SERIAL NO.		
			APPLICANT: <b>MICHAEL S. BITTAR</b>				
			FILING DATE: <b>Herewith</b>		GROUP:		
<b>U.S. PATENT DOCUMENTS</b>							
Ex. Initial	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
<i>LTN</i>	3,014,177	12/19/61	HUNGERFORD, ET AL.	324/8		06/24/57	
<i>LTN</i>	3,187,252	06/01/65	HUNGERFORD	324/6		12/18/61	
<i>LTN</i>	3,808,520	04/30/74	RUNGE	324/6		04/04/73	
<i>LTN</i>	4,302,722	11/24/81	GIANZERO	324/339		06/15/79	
<i>LTN</i>	4,536,714	08/20/85	CLARK	324/338		04/16/82	
<i>LTN</i>	4,651,101	03/17/87	BARBER, ET AL.	324/339		04/03/85	
<i>LTN</i>	4,780,857	10/25/88	LYLE, ET AL.	367/35		12/02/87	
<i>LTN</i>	4,808,929	02/28/89	OLDIGS	324/339		05/19/87	
<i>LTN</i>	RE 32,913	04/25/89	CLARK	324/338		07/23/87	
<i>LTN</i>	4,873,488	10/10/89	BARBER, ET AL.	324/339		11/18/86	
<i>LTN</i>	4,940,943	07/10/90	BARTEL, ET AL.	324/338		04/19/88	
<b>FOREIGN PATENT DOCUMENTS</b>							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
<i>LTN</i>	92402243.7	08/06/92	European Patent Office	G01V 3/12		YES	NO
<i>LTN</i>	97118854.5	10/29/97	European Patent Office	G01V 3/30		YES	NO
<b>OTHER DOCUMENTS (Include Author, Title, Date, Pertinent Pages, Etc.)</b>							
<i>LTN</i>	Zhu, T. and L. Brown, "Two-dimensional Velocity Inversion and Synthetic Seismogram Computation," GEOPHYSICS, Vol. 52, No. 1, January 1987; p. 37-49.						
<i>LTN</i>	Bittar, M. and P. Rodney, "The Effects of Rock Anisotropy on MWD Electromagnetic Wave Resistivity Sensors," THE LOG ANALYST, January-February 1996, p. 20-30.						
<i>LTN</i>	Hagiwara, T., "A New Method to Determine Horizontal-Resistivity in Anisotropic Formations without Prior Knowledge of Relative Dip," 37th SPWLA Annual Logging Symposium, New Orleans, LA, 16-19 June 1996, p. 1-5 and three pages of figures.						
<i>LTN</i>	Bittar, M., P. Rodney, S. Mack, and R. Bartel, "A True Multiple Depth of Investigation Electromagnetic Wave Resistivity Sensor: Theory, Experiment and Prototype Field Test Results," SPE 22705, 66th Annual Technical Conference and Exhibition of the Society of Petroleum Engineers, Dallas, TX, October 6-9, 1991, p. 1-8 and ten pages of figures.						
EXAMINER			DATE CONSIDERED				
			8/18/04				
* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form next communication to applicant.							

<b>INFORMATION DISCLOSURE CITATION</b>  (Use several sheets if necessary) Page 2 of 3			ATTY DOCKET NO: 5080.113 (DIV II)		SERIAL NO.	
			APPLICANT: MICHAEL S. BITTAR			
			FILING DATE: Herewith		GROUP:	

U.S. PATENT DOCUMENTS						
Ex. Initial	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
LTW	4,962,490	10/09/90	LYLE, ET AL.	367/35		01/18/90
LTW	4,980,643	12/25/90	GIANZERO, ET AL.	324/339		09/28/89
LTW	5,200,705	04/06/93	CLARK, ET AL.	324/338		10/31/91
LTW	5,230,386	07/27/93	WU, ET AL.	175/45		06/14/91
LTW	5,241,273	08/31/93	LULING	324/338		06/24/91
LTW	5,278,507	01/11/94	BARTEL, ET AL.	324/338		06/14/91
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LTW	5,550,473	08/27/96	KLEIN	324/338		03/29/95
LTW	5,656,930	08/12/97	HAGIWARA	324/339		02/06/95

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	

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LTW	Mack, S., P. Rodney, and M. Bittar, "MWD tool accurately measures four resistivities," reprint from OIL & GAS JOURNAL, week of May 25, 1992, p. 1-5.
LTW	Bittar, M., P. Rodney, and W. Hendricks, "Invasion Profiling With a Multiple Depth of Investigation Electromagnetic Wave Resistivity Sensor," SPE 28425, 69 <sup>th</sup> Annual Technical Conference and Exhibition of the Society of Petroleum Engineers, New Orleans, LA, 25-28 September 1994, p. 1-12 and eleven pages of figures.
LTW	Luling, M.G., R. Rosthal, and F. Shray, "Processing and Modeling 2-MHz Resistivity Tools in Dipping, Laminated Anisotropic Formations," SPWLA 35 <sup>th</sup> Annual Logging Symposium, 19-22 June 1994, p. 1-25.

EXAMINER 	DATE CONSIDERED 8/18/04
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\* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form next communication to applicant.

